

# HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under  
37 C.F.R. 1.53(b))

Attorney Docket No.

0050.1618-001

First Named Inventor or  
Application Identifier

Leonard Guarente

Express Mail Label No.

EL564266645US

Title of  
Invention

METHODS FOR IDENTIFYING AGENTS WHICH ALTER HISTONE PROTEIN  
ACETYLATION, DECREASE AGING OR INCREASE LIFESPAN

### APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

1. ☐ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification **[Total Pages : 119 ]**  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to microfiche Appendix
  - Background of the Invention
  - Summary of the Invention
  - Brief Description of the Drawings
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) **[Total Sheets 30 ]**  
☐ Formal ☒ Informal  
☐ Fig. of the Drawings for Publication\_\_\_\_\_
4. ☐ Oath or Declaration/POA **[Total Pages [ ] ]**
  - a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 C.F.R. 1.63(d))  
(for continuation/divisional with Box 17 completed)  
**[NOTE Box 5 below]**
    - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior  
application, see 37 C.F.R. 1.63(d)(2)  
and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a  
copy of the oath or declaration is supplied under Box 4b, is  
considered as being part of the disclosure of the accompanying  
application and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. ☒ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Copy
  - b. ☒ Paper Copy (identical to computer copy)  
**[ 23 ] Pages**
  - c. ☒ Statement verifying identity of above copies

### ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet & documents)  
☒ Assignee: Massachusetts Institute of Technology, Cambridge,  
Massachusetts
9. ☐ 37 C.F.R. 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS  
Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
14. ☐ Small Entity ☐ Statement filed in prior application,  
Statement(s) status still proper and desired
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☒ Nonpublication Request (check parent application)
17. ☒ Other: Request Under 37 C.F.R. §1.821(e)

18. **If a CONTINUING APPLICATION**, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No.: 09/461,580

Prior application information: Examiner: R. Zeman

Group Art Unit: 1645

### 19. CORRESPONDENCE ADDRESS

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Date

12/13/00

Submitted by  
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34,900